

8F-XXX-A005 SERIES

Textured powder coatings with high gloss



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1. Product features

The powders of 8F-XXX-A005 series are characterized by a textured surface and a higher brightness than normal textured powder-coatings, with a range of gloss between 30 and 70.

A large variety of colors is available for this series of powders, and they can be valorized with a decoration with heat-transfer technology; they are made to be coupling with products covered with other technologies, like plastic films with wood effects.

2. Technical information

- Technical data

Powder type	Polyurethane
Class resistance	Class 1
Yield in surface/mass	13,1 m ² /Kg
Specific weigh	1,27 ± 0,03 g/cm ³

- Application and curing cycle

Available for corona charging or disco application.

Curing time and temperature: 20 minutes at 200°C – 392°F (metal temperature)

Reccomended thickness: 60 microns – yield 13.1 m²/Kg,

70 microns – yield 11.2 m²/Kg,

80 microns – yield 9.8 m²/Kg.

- Mechanical proprieties

Test	Standard reference	Result
Buchholz	ISO 2815	ok
Adhesion	ISO 2409	No loss of adhesion; ok
Bending	ISO 1519	No loss of adhesion; ok
Salt spray	ISO 9227	corrosion <4 mm; ok

3. Variants and special formulations

Several variants for this series are available. It's possible to produce it in version:

- superdurable (class 2);
- antimicrobial;
- low cure (15 minutes at 190°C – 374°F);
- for bending.

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4. Sublimation technology

Heat-transfer technology allows expanding the number of decorative solutions; by matching the decors of heat transfer film with the powder coating bases we can both reach highly realistic wood effects as well as original and striking solutions.

In the following pictures, there are a sample panel painted with a textured powder coating with high gloss, and the same sample panel decorated with a wood effect.



Picture 1: Base 8F-150-A005



Picture 2: 8F-150-A005 + wood effect 2508/16

5. Possible usage and applications

The powders of 8F-XXX-A005 series represent a perfect solution for the imitation of textured wooden surfaces, and allow obtaining very realistic results with a special reflection of the light.



Picture 3: Example on an up-and-over door



Picture 4: Example on outdoor surfaces

Marchi di qualità registrati di Decoral System:



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